

LABOS, Elemer; SALANKI, Janos

The effect of alkali metal ions and alkaline earth metal ions on the rhythmic activity of glochidia of the fresh-water mussel *Anodonta cygnea* L. *Annales biol Tihany* 30:45-57 '63.

Testing double innervation in the control of the tonus of the constrictor of a fresh-water mussel (*Anodonta cygnea* L.). *Ibid.*:87-101

1. Director, Tihany Research Institute of Biology, Hungarian Academy of Sciences (for Salanki).

HUNGARY

SALANKI, Janos, ~~LABOS, Elemer~~; Medical University of Debrecen, Institute of Physiology (Debreceni Orvostudományi Egyetem, Elettani Intézet).

"Studies on the Double Innervation in the Regulation of Adductor Muscle Tone in the Clam *Anodonta Cygnea* L."

Budapest, Acta Physiologica Academiae Scientiarum Hungaricae, Vol XXIV, No 1, 1963, pages 55-66.

Abstract: [English article, authors' English summary modified] The responses given by the posterior adductor muscle consisting of smooth muscle fibres in the clam, to the electrical stimulation of the nerve (cerebrovisceral connectivum) running to it, and the action potentials obtainable from the isolated cerebro-visceral connectivum in response to single impulses have been investigated. On changing the stimulation parameters, significant changes have been observed in the muscle response. These are described in detail. The action potential recorded from the isolated cerebro-visceral connectivum in response to stimulation with single impulses has several, clearly distinct components. Of these, the two principal ones could be separated by changing the parameters of stimulation. It is assumed that the adductor muscle has a double, antagonistic innervation, special innervation serving not only during contraction but also for the relaxation of the muscle in the tonic state. Correspondingly, relaxation of the muscle in the tonic state is not a passive process, but appears to result from an active nervous effect. 2 Eastern European, 8 Western references.

1/1

15

LABOS, Elemer; SALANKI, Janos

Effect of alkali metal and alkali earth metal ions on the rhythmic activity of the glochidia of fresh-water mussels (*Anodonta cygnea* L.). Biol kozl 11 no.2:107-118 '64.

1. Biological Research Institute, Hungarian Academy of Sciences, Tihany; Institute of Physiology, Debrecen Medical University.

LABOS, Elemér; ZS. NAGY, Imre; BENKO, Karoly; SALANKI, János

Electrophysiological and electromicroscopical data on
the composition of the cerebrovisceral connective tissues
of *Anadonta cygnea* L. Biol közl 11 no.2:119-124 '64.

1. Biological Research Institute, Hungarian Academy of
Sciences, Tibany; Institute of Histology and Embryology,
Central Research Laboratory, and Institute of Physiology,
Debrecen Medical University.

LABOS, E.; SALANKI, J.; KLITYNA, Galina R.

The effect of cholinotropic drugs on the rhythmic activity of glochidia of fresh-water mussel (*Anodonta cygnea* L.). *Acta biol. Acad. sci. Hung.* 15 no.2:119-128 '64

1. Biological Research Institute of the Hungarian Academy of Sciences, Tihany (Head: J. Salanki), and Institute of Physiology, Medical University, Debrecen (Head: St. Went [deceased]).

LABOS, Elemer

A new method for recording the rhythmic activity of adductor of larvae of fresh-water mussel (Glochidia). Annales biol Tihany 31:23-26 '64.

Studies on the electric excitability of the adductor muscle of Glochidia. Ibid.:27-37

1. Submitted February 18 and 19, 1964.

SALANKI, Janos, dr.; LABOS, Elemer

Reflex investigations on the visceral ganglion of the fresh-water mussel (*Anodonta cygnea* L.). *Annales biol Tihany* 31:123-132 '64.

1. Director, Research Institute of Biology of the Hungarian Academy of Sciences, Tihany (for Salanki). Submitted February 28, 1964.

SALANKI, Janos, dr.; LABOS, Elemer; NAN, Istvan

Electrophysiological properties of the cerebrovisceral
connective of the fresh-water mussel (*Arcodonta cygnea* L.).
Annales bio Tihany 31:133-145 '64.

1. Director, Research Institute of Biology of the Hungarian
Academy of Sciences, Tihany (for Salanki). 2. Physiological
Institute of Debrecen Medical University (for Nan.) Submitted
February 21, 1964.

LABOS, Elemer; NAGY, Imre Zs.; BENKO, Karoly; SALANKI, Janos

Electrophysiological and electron microscopic studies on the fibre composition of the cerebrovisceral connective of *Andonta cygnea* L. *Annales biol Tihany* 30:59-65 '63.

1. Department of Anatomy. Histology and Embryology, Medical University of Debrecen (for Nagy). 2. Central Research Laboratory, Medical University of Debrecen (for Benko). 3. Director, Tihany Research Institute of Biology. Hungarian Academy of Sciences (for Salanki).

LABOS, Elemar; SALANKINE ROZSA, Katalin, dr., a biologiai tudományok
kandidátusa, tudományos munkatárs; SALANKI, János, dr.

On the role of SH-groups in the rhythmic activity of
adductor muscle of Glochidia. Annales biol Tihany 31:39-
54 '64.

1. Research Institute of Biology of the Hungarian Academy of
Sciences, Tihany. 2. Director, Research Institute of Biology
of the Hungarian Academy of Sciences, Tihany (for Salanki).
Submitted March 11, 1964.

SALANKI, Janos; LABOS, Elemer

Reflex examinations on the visceral ganglion of freshwater
mussels (*Anodonta cygnea* L.). Biol kozl 12 no.1:33-41 '64.

1. Research Institute of Biology of the Hungarian Academy of
Sciences, Tihany.

YUGOSLAVIA

Dr Ivan LABOS, Department of Internal Medicine, General Hospital
(Interno odeljenje Opste bolnice) Head (Upravnik) Primarius Dr A.
MIKES, Banja Luka.

"Pulmonary Emphysema as a Current Clinical Problem."

Belgrade, Medicinski Glasnik, Vol 17, No 2, Feb 63; pp 67-70.

Abstract : Comprehensive review of pathophysiology of chronic bronchitis and pulmonary emphysema, stressing early circulatory changes and hypoxemic-hypercapnic states leading eventually to cor pulmonale and other major complications; thence deriving cautionary statements about applicability of oxygen, drugs. Respiratory exercises are emphasized.

1/1

LABOS, I. d.

Role of the fibrinolytic activity in the treatment of coronary thrombosis. Med. glas. 17 no.6:251-252 Je-Jl '63.

1. Interno odeljenje Opste bolnice u Banjaluci (Sef: prim. dr. A. Mikes).

YUGOSLAVIA

Ivan LABOS, Department of Internal Medicine of General Hospital (Interno odeljenje Opste bolnice) Chief (Sef) Primarius Dr Andrija MIKES, Banja Luka.

"Electrocardiogram in Chronic Cor Pulmonale. Study of 47 Treated Cases."

Belgrade, Srpski Arhiv za Celokupno Lekarstvo, Vol 91, No 2, Feb 63; pp 157-168.

Abstract [French summary modified]: Twelve-lead EKG data in 30 women and 17 men aged 25 to 70, all with chronic cor pulmonale; classification into 5 groups according to EKG. Diagnostic and prognostic factors are discussed. Five EKGs; 1 Yugoslav and 9 Western references.

1/1

LABOS, I., dr.

Aldosterone in edema syndrome. Hyperaldosteronism in congestive cardiac insufficiency. Med. glas. 18 no.9:275-279 S '61.

1. Interni odjel Opšte bolnice u Banja Luci (Sef: prim.dr. M. Mikes).

LALOSEVIC, Dorda, ing. (Beograd, Brace Stamenkovica 13); PANOS, Ladislav, ing.
(Beograd, Kapetan Misina 21); JELIC, Veljko, ing. (Beograd, Strahinjica Bana 35)

The boat "Kosmaj," the first towboat in Yugoslav inland navigation.
Brodarstvo 3 no. 8/9:309-316 J1-D 60.

1. Technical Editor, "Brodarstvo" (for Lalosevic).

(A) L 11652-66 EPA/EWT(1)/EWT(m)/EWP(r)/EPF(n)-2/T/ETC(m) WW/DJ
 ACC NR: AP6002954 SOURCE CODE: UR/0286/65/000/024/0125/0125
 INVENTOR: ^{4/4}Bakharev, A. P.; ^{4/1}Kislov, V. G.; ^{4/4}Zhitnikov, Ye. S.; ^{4/4}Miroshnichenko, V. G.;
 Labotorin, V. A.
 ORG: none ^{4/4}
 TITLE: Fuel pump ^{4/4} for internal combustion engines. ^{3/1}Class 46, No. 177229 [announced
 by Noginsk Fuel Equipment Factory (Noginskiy zavod toplivnoy apparatury)
 SOURCE: ^{4/4}Byulleten' izobreteniy i tovarnykh znakov, no. 24, 1965, 125
 TOPIC TAGS: fuel pump, internal combustion engine

ABSTRACT: The proposed fuel pump contains a cylindrical piston which moves inside a sleeve and which has radial ports emerging from the upper part of the control grooves. To increase the piston's angle of rotation in order to increase the control



Fig. 1. Fuel pump

1 - Piston; 2 - radial ports; 3 - control grooves.

Card 1/2

UDC: 621.43.038.5

L 13552-66

ACC NR: AP6002954

range, the grooves are made straight along a radius greater than the radius of the piston (see figure). Orig. art. has: 1 figure. [TN]

SUB CODE: 21/ SUBM DATE: 15Jan65/ ATD PRESS: 4175

Card 2/2

CZECHOSLOVAKIA/Cultivated Plants. Grains.

Abs Jour: Ref Zhur-Biol., No 5, 1958, 20240.

Author : V. Labounek.

Inst : Not given.

Title : The Effect of Crop Yielding Factors on the Productivity of Winter Wheat at Different Crop Densities. (Vliyanie faktorov urozhaynosti na produktivnost' ozimoy pshenitsy pri raznoy gustote poseva.)

Orig Pub: Sbor. Ceskosl. akad. zemed. ved. Rostl. vyroba, 1956, 29, No 12, 1209-1222.

Abstract: Tests were conducted at the Higher Agricultural School in Brno to study the biological factors (the various capacities for wintering, bushiness, absolute seed weight, etc.) which exert an effect on the yielding capacity of winter wheat. The basic varieties are characterized according to these

Ca:

Card : 1/2

SONKA, J.; LABOUNKOVA, Z.; JANDA, J.

Oxygen utilization by the erythrocytes in clinical syndromes. Cas.
lek.cesk. 99 no.3/4:106-111 22 Ja '60.

1. III. interni klinika KU, prednosta akademik J. Charvat.
(OXYGEN blood)
(ERYTHROCYTES)

JENICEK, M.; Spoluprace: BRANISLAVOVA, K.; JANACKOVA, H.; LABOUNKOVA, Z.;
MIKULOVA, J.

Training of new unskilled operation as a provoking agent of the
general adaptation syndrome. Cesk. hyg. 9 no.9:535-541 0 '64.

1. Katedra hygieny deti, dorostu a vyzivy lek. fak. hygienicke
Karlovy University, Praha.

(5)

CZECHOSLOVAKIA

SYMON, K.; MUSIL, J.; KNOTEK, Z.; CHALUPA, J.; LABOUNKOVA, Z.;
SCHMIDT, P.

1. Institute of Hygiene (Ustav hygieny), Prague; 2. Chair of Hygiene of the UDL (Katedra hygieny UDL), Prague

Prague, Ceskoslovenska Hygiena, No 8, 1964, pp 475-481

"Risk of Using Chlorine Dioxide in the Treatment of Water in Waterworks. Hygienic Education."

LABOUTKA, Karel, inz.; HOJSTER, Bohumil, inz.

Nonmetal panel he ling bodios. Zdrav tech no. 1513-24, 1964

1. Czech Higher School of Technology, Prague.

LABOUTKA, K.; JOKL, N.

Reducing the effect of radiation on the exposed surface. p. 179. (Strojirenstvi, Vol. 7, No. 3, Mar 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

LABOUTKA, K., inz.; BASUS, V., inz.

Conference of the alumni of the Faculty of Mechanical Engineering
of the Czech Higher School of Technology. Zdravot tech 7 no.6:271-
274 '64.

1. Czech Higher School of Technology, Prague (for Laboutka). 2.
Institute of Industrial Hygiene and Occupational Diseases, Prague
(for Basus).

LABOVA, Marie; SEDLACKOVA, Eva

Disorder of musical hearing in hyperkinetic dysphonia in children.
Cesk. otolaryng. 11 no.1:4-7 F '62.

1. Foniatricks laborator fak. vseob. lek. KU v Praze, prednosta prof.
MUDr. M. Seeman, DrSc.

(SPEECH DISORDERS physiol)
(HEARING physiol)

EXCERPTA MEDICA Sec 4 Vol 12/7 Med. Micro. July 59

2036. EXPERIMENTAL BASIS OF VACCINE THERAPY OF SCLEROMA (Russian text) - Labova T. A. Dept. of Microbiol., Med. Inst., Vinnitsa - VRACH. DELO 1957, 10 (1041-1043)

Infecting s. c. the tails of white mice with a culture of scleroma bacteria, an inflammatory process pathologically-histologically identical to the scleroma process in man was provoked. Autovaccine was administered s. c. for 15-20 days to 34 patients. Changes in the clinical course of the disease were apparent. In parallel, white mice were vaccinated. The mice acquired immunity after 3-4 weeks, which rendered infection impossible.

Radina - Moscow

LABOVSKIY, M.S.

DPK-168M dock crane. Mor. flot 18 no.8:15-16 Ag '58. (MIRA 11:9)

1. Rukovoditel' gruppy Tsentral'nogo proyektno-konstruktorskogo
byuro - 3.
(Cranes, derricks, etc.) (Docks)

LABOVSKIY, M.S.; SUPRUNOV, A.S.

Designing turntable ball bearing for excavators and cranes.
Stroi. i dor. mashinestr. 4 no.1:25 Ja '59. (MIRA 12:1)
(Bearings (Machinery)) (Excavating machinery)
(Cranes, derricks, etc.)

LABOVSKIY, M. S. inzh.

Strengthening the boom mechanism of "Kaiar" gantry
cranes. Mor.flot. 20 no.8:10-11 Ag '60.
(MIRA 13:8)

1. Tsentral'noye proyektno-konstruktorskoye byuro Nr.1
Ministerstva morskogo flota.
(Cranes, derricks, etc.)

LABOVSKIY, N.I., red.; RESHETIN, G.V., tekhn. red.

[Instruments and laboratory equipment developed by the Central Experimental Design Office of the Instrument Industry; catalog] Pribory i laboratornoe oborudovanie, razrabotannye Tsentral'nyim opytno-konstruktorskim biuro priborostroeniia; katalog. Moskva, Sel'khozizdat, 1962.
(MIRA 16:4)
56 p.

1. Russia (1923- U.S.S.R.) Ministerstvo sel'skogo khozyaystva. Upravleniye nauki, propagandy i vnedreniya peredovogo opyta. Tsentral'noye opytno-konstruktorskoye byuro priborostroyeniya.
(Instruments) (Laboratories--Equipment and supplies)

LABOZIN, P.G. (Moskva)

Calculation of multiple-hollow and ribbed slabs taking into account shear deformations. Stroi. mekh. i rasch. soor. 4 no.2:
5-10 '62. (MIRA 15:5)

(Elastic plates and shells)

LABOZIN, P. G., Cand Tech Sci -- (diss) "Transverse bending of supporting plates exhibiting constructional anisotropies." Moscow, 1960. 12 pp; (Ministry of Higher and Secondary Specialist Education RSFSR, Moscow Order of Labor, Red Banner Engineering-Construction Institute im V. V. Kuybyshev); 400 copies; price not given; (KL, 19-60, 134)

KASHKAROV, K.P., kand. tekhn. nauk; LABOZIN, P.G., kand. tekhn. nauk

Design of the reinforcement of door openings in bearing
partitions under bending strain. Bet. i zhel.-bet. no.11:
520-522 N '61. (MIRA 16:8)

(Reinforced concrete construction)

KASHKAROV, K.P., kand. tekhn. nauk; LABOZIN, P.G., kand. tekhn. nauk

Increasing the precision of the assembly of large-panel buildings.
Nauch. trudy NIIMostroia no.1:18-28 '64. (MIRA 19:2)

1 35543-65 ENT(d)/EMP(h)/EMP(1)

ACCESSION NR: AP5008187

S/0286/65/000/005/0063/0063

AUTHORS: Vol'mov, V. A.; Labozin, P. G.

TITLE: A rail section with ferroconcrete half-ties for track beneath a crane.
(Class 35, No. 16885)

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 5, 1965, 63

TOPIC TAGS: reinforced concrete, railroad track, crane

ABSTRACT: This Author Certificate presents a rail section with ferroconcrete half-ties for track beneath a crane. To facilitate mounting and dismounting the track while maintaining control of rigidity, the half-ties are held together by flexible inserted tie rods, the ends of which are hinged for swinging in the vertical plane (see Fig. 1 on the Enclosure). Orig. art. has: 1 figure.

ASSOCIATION: none

SUBMITTED: 17Jul62

ENCL: 01

SUB CODE: CM

NO REF SOV: 000

OTHER: 000

Card 1/2

LAURENTS, V. [Labrencis, V.]; ODIN', Ya. [Odins, J.]; SPRIVULIS, Z.,
red.; ZHAGARS, A., tekhn. red.

[Tables for the calculation of earthwork with trapezoidal
and trapezoidal-parabolic cross sections] Tablitsy dlia ras-
cheta zemlianykh rabot pri trapetseidal'noi i trapetseidal'no-
parabolicheskoi forme poperechnykh sechenii. Riga, Latvi-
skoe gos. izd-vo, 1963. 236 p. (MIRA 16:4)
(Earthwork—Tables, calculations, etc.)

LABRISHCHEVA, L. N.

USSR/ Chemistry Synthesis

Card : 1/1 Pub. 40 - 23/27

Authors : Petrov, A. D., and Labrishcheva, L. N.

Title : Synthesis of paraffinic hydrocarbons with two series of quaternary carbons

Periodical : Izv. AN SSSR. Otd. khim. nauk 4, 733 - 740, July - August 1954

Abstract : The difficulties involved in organo-magnesium synthesis of individual paraffinic hydrocarbons, with two series of quaternary carbons, are analyzed. Methyl-tertiary-butylallylcarbinol is the raw material mostly recommended for the synthesis of hydrocarbons with two series of quaternary carbons. Twelve references: 8 USSR; 3 USA and 1 German (1889 - 1952). Table.

Institution : Acad. of So. USSR, The N. D. Zelinskii Institute of Organic Chemistry

Submitted : July 10, 1953

BRODSKIY, A.M.; LABROVSKIY, K.P.; MAKAROV, D.V.; MEZENTSEV, A.N.; FISH,
Yu.L.

Radiation-thermal cracking of gas oil. Neftekhimiia 2 no.3:
332-338 My-Je '62. (MIRA 15:8)

1. Institut neftekhimicheskogo sinteza AN SSSR.
(Cracking process) (Petroleum products)

LABROV, V. V.

"Morphogenetic Classification of the Oligocene Iron Ores of the Continental Valley Type" (Deposits of Useful Minerals, Ferrous Ores) Vestn. AN Kaz. SSR, No. 9, 1953, pp 103-106

Abs

W-31146, 1 Feb 55

LABROWSKI, Tadeusz, mgr inż.

Feeding installations of the Warsaw electric commuter railroads.
Przeł kolej elektrotech 15 no.4:98-104 Ap '63.

LABOR H₂O

WENKE, M.; LABSHA, J.

Differential determination of fructose and of glucose in a 0, 1 ml
blood sample. Ces. lek. cesk, 93 no.1:23-25 8 Jan 1953. (CDML 25:5)

1. Of the Institute of Pharmacology (Head--Prof. B. Polak, M.D.)
of Charles University, Prague.

2. bsk, J

Differential determination of fructose and glucose in the same amount of 0.1 ml. M. W. and J. Lobstein, *Can. J. Biochem. Physiol.* 33, 22-24 (1955). To a centrifuge tube contg. 0.5 ml. CH_3COOH soln. is added 0.1 ml. blood and the material centrifuged; 0.5 ml. of the clear supernatant is pipetted into another centrifuge tube. A series of fructose (F) and glucose (G) standards, 0.5 ml. each, is prepd. Into each tube is mixed 2.5 ml. anthrone reagent (4 parts H_2SO_4 and 1 part water; cool, dissolve 2 mg. anthrone for each 2 ml. dil. H_2SO_4), and hold in water at 50-51° for 5 min. (I). After cooling all tubes are read in a photometer at 620 mμ, and each soln. poured back into its original centrifuge tube. The tubes are held in water at 77-79° for 5 min. (II). After cooling all tubes are again read at 620 mμ. From the standards are obtained 4 extinction curves (2 after each reaction temp.). The color developed under I is largely from F while the addnl. color under II is about all due to G. The color developed by F under I and II is nearly const. The curves of the standards allow the concns. of F and G to be calcd.; F up to 90 or 180 mg. % and G up to and above 400 mg. % can be detd.

Otto R. Lobstein

HOSTOMSKA, L.; WENKE, M.; Technicka spoluprace: J. Labaka, M. Velatova,
V. Orhtenhalova, J. Vetvickova

Disorders of reflex regulation of blood sugar in diabetes in
children. Cesk. pediat. 11 no.7:484-489 July 56.

I. II. detska klinika Pediatr. fak. univ. Karlovy, predn. prof.
MUDr. J. Houstek, Farmakolog. ustav Fakulty vseobecneho lekarstvi
KU, predn. prof. Dr. B. Polak.

(DIABETES MELLITUS, in infant and child,
disord. of reflex regulation of blood sugar (Cz))

GADZHIYEV, A.D.; DZHAFAROV, A.S.; LABSKER, L.G.

Asymptotic value of approximation of functions by a family
of linear operators. Izv. AN Azerb.SSR.Ser. fiz.-mat. 1
tekhn.nauk no.3:19-28 '62. (MIRA 15:9)
(Functions, Continuous) (Operators (Mathematics))

LABSKER, L.G.; GADZHIYEV, A.D.

On certain classes of double singular integrals. Izv. AN
Azerb, SSR. Ser. fiz.-mat. i tekhn. nauk no. 4:37-54, '62.
(MIRA 16:2)

(Integrals, Multiple)

LABSKER, L.G.

Asymptotic value of the approximation of multiply differentiable
generalized functions by linear operators. Izv. AN Azerb. SSR.
Ser. fiz.-mat. i tekhn. nauk no.1:29-43 '63. (MIRA 16:7)

(Functions) (Operators (Mathematics))

LABSKER, L.G.

Asymptotic equalities for the approximation of functions by a family of linear integral operators in the metrics of C and L_p spaces. Dokl. AN Azerb. SSR 20 no.2:3-10 '64. (MIRA 17:6)

1. Institut matematiki i mekhaniki AN AzerSSR. Predstavleno akademikom AN AzerSSR A.I.Khalilovym.

L 3165-66 EWT(a)/T IJP(c)

UR/0249/64/020/007/0003/0006

ACCESSION NR: AP5017975

AUTHOR: Labaker, L. G.

16,44,55
13
B
TITLE: Asymptotic equalities for the approximation of functions $f(x, y)$ to some family of linear integral operators in the metrics of spaces C and L_{p_1, p_2}

SOURCE: AN AzerbSSR. Doklady, v. 20, no. 7, 1964, 3-6

TOPIC TAGS: asymptotic solution, linear operator, integral operator, integral calculus

Abstract: The author considers the integral

$$L_{\lambda}(f; x, y) = \int_{-\infty}^{+\infty} \int_{-\infty}^{+\infty} \left[\sum_{k=1}^{\infty} p_{k,\lambda} f(x+q_{k,\lambda}t, y+q_{k,\lambda}\tau) \right] K_{\lambda}(\sqrt{t^2+\tau^2}) dt d\tau,$$

with λ varying over a set Λ of real numbers converging toward λ_0 , while $p_{k,\lambda}, q_{k,\lambda}$ ($k = 1, 2, \dots; \lambda \in \Lambda$) and the kernel $K_{\lambda}(\rho)$ are subjected to special restrictions. The function $f(x, y)$ is given and is measurable over the entire plane, and

$$|f(x, y)| \leq \varphi(x, y), \quad 0 < \varphi(x, y) < \infty, \quad -\infty < x, y < \infty,$$

where $\varphi(x, y)$ is such that, for any $\lambda \in \Lambda$,

Card 1/2

L 3165-66

ACCESSION NR: AP5017975

$$\int p\psi(qp)K_1(p)dp < \infty,$$

$$\psi(u) = \sup_{\substack{-a < x, y < a \\ -b < t, \eta < b}} Q(x, y; t, \eta).$$

In the present article the author establishes three two-dimensional analogues of his theorems published earlier (DAN Azerb. SSR, No 2, 1984, 3.)

Orig. art. has 12 formulas.

ASSOCIATION: Institut matematiki i mekhaniki (Institute of Mathematics and Mechanics)

SUBMITTED: 30 Sep 63

NO REF SOV: 002

ENCL: 00

OTHER: 001

SUB CODE: MA

JPRS

Card

2/2 ind

IERAGIMOV, I.I., otv. red.; DZHAFAROV, A.S., red.; MAMEDOV, R.G.,
red.; LABSKER, L.G., red.

[Studies on the current problems in the constructive
theory of functions] Issledovaniia po sovremennym proble-
mam konstruktivnoi teorii funktsii. Baku, Izd-vo AN
Azerbaidzhanskoi SSR, 1965. 637 p. (MIRA 19:1)

1. Vsesoyuznaya konferentsiya po konstruktivnoy teorii
funktsiy, 2d, Baku, 1962.

CZECHOSLOVAKIA

STEHLICKY, J; LABSKY, J; SEBENDA, J

Institute of Macromolecular Chemistry, Czechoslovak
Academy of Sciences, Prague - (for all)

Prague, Collection of Czechoslovak Chemical Communi-
cations, No 2, February 1967, pp 545-557

"Alkaline polymerization of 6-caprolactam. Part 25:
The effect of structure of the acyl on polymerization
activated by acylcaprolactams or diacylamines."

VLADIMIRSKIY, K. V.; LABSOV, B. A.

" Single sample Spin Generator Spectro-meter "
Presented at the 10th Annual Colloq. on Radioelectric Research
(A. M. P. E. R. E.) Leipzig, 13-17 Sep. 1961.

LABSKY, V., ed.

Stavba bytu ve dvouletce; funkční a směrné plány (redigovali V. Labský, J. Blecha, M. Tryzna. Praha) Ministerstvo informací, 1947. 100 p. (Czechoslovakia. Ministerstvo informací a osvěty. Dvouletka v plánu a v činech. sv. 1)
(Construction of dwellings under the Two-Year Plan; functional and guide plans. illus.)

NM

Not in DLC

SO: Monthly Index of East European Accession (EEAI) LC, Vol. 7, No. 5, May 1958

Distr: hE3d

551.5:061

9.10-63

Libeky, V. Meteorologická a hydrologická služba v Německé demokratické republice. [Meteorological and hydrological service of East Germany.] *Meteorologické Zprávy*, Prague, 10(2):46-48, 1957. 2 photos. Russian summary p. 46. DWB—In connection with a visit of Czechoslovak meteorologists and hydrologists, the organization and activities of the East German Meteorological and Hydrological Service are described. Under the Department of the Interior the Service is headed by an appointed director with an advisory committee of nine members, which convenes at least every three months. The Service is divided into administrative (general administration, personnel, accounting and education) and technical (research, climatology, hydrology, synoptic) departments. The principal fields of research activity are dynamics of the atmosphere, the ionosphere, weather forecasting, agricultural meteorology, bioclimatology, hydrometeorology and instrument construction. The publication program of the Service comprises periodicals for meteorology and applied meteorology, meteorological and hydrological yearbooks, bibliographies, etc. *Subject Headings:* 1. East German Meteorological and Hydrological Service 2. East Germany.—G.T.

TA
H

W

RAS

July 30, 1959

LABUC, W.

Water-absorbing plates applied to hydrotechnic concrete structures. p. 434.
(Gospodarka Wodna, Vol. 16, No. 10, Oct 1956, Warsaw, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

LABUD, A.A.

64702

24.2.79

AUTHOR:

Contributor: V.L. Luk'yanov, S.V. Luk'yanov, G.V. and Kiretenko, I.G.

TITLE:

Report on the Second All-Union Conference on Gas Electronics

PERIODICAL:

Radiotekhnika i elektronika, 1959, Vol. 4, No. 8, pp. 1359 - 1358 (USSR)

ABSTRACT:

The conference was organized by the A.S. USSR, the Ministry of Higher Education and Moscow State University. T.B. Fogel'son - "Methods of Reducing the Energy Lost in the Formation of a Breakdown". I.I. Pivovarov and V.I. Goryunov - "Microdischarges and Pre-breakdown Currents Between Metal Electrodes in High Vacuum". V.A. Simonov and G.P. Katukov - "Investigation of the Processes of Initiation and Development of a High-voltage Discharge in Vacuum". I.I. Pivovarov and G.V. Smirnovskaya - "The Character- istics of Ignition in High-vacuum in Magnetic Fields". I.V. Karaman et al. - "The Transfer of the Electrode Material during the pre-breakdown stage in vacuum". E.E. Danyushin et al. - "The Motion of Microdischarge Substances During Electric Breakdown in Vacuum". The third section dealt with the problems of electric sparks, corona and their practical applications. It was presided over by I.S. Stets'nikov. The following papers were read:

- V.I. Lebedev et al. - "Probe Investigation of the a.s. Corona Fields".
- G.M. Aleksandrov - "Elementary Processes in the Ionization Zone of Corona-type Conductors at Atmospheric Pressures".
- I.A. Burpakin - "Appearance of a Corona Discharge in Hydrogen and Nitrogen".
- P.N. Chistyakov et al. - "Some Properties of the Corona Discharge in Hydrogen in Cylindrical, Cylindrical System".
- A.S. Soboleva and B.M. Elvfeldt - "Appearance of Discharge Phenomena Between a Point and a Plane at Gas Pressures of 10^{-3} - 1.0 mm Hg".
- Ia.Iu. Moysanov et al. - "Methods of Unipolar Ionization of Air by Means of Aero-Ionizers (see p. 1355 of the journal)".
- M.P. Yanukov et al. - "The Spectra of the Radiation of a Spark Discharge in Inert Gases" (see p. 1284 of the journal).
- M.P. Yanukov and A.A. Mak - "Production of High Temperatures by Means of Spark Discharges".
- V.A. Petukhov et al. - "Influence of the Magnetic Field of the Electric Discharge on the Dividing Surface of Two Media".
- I.S. Stets'nikov - "New Data from the Study of Long Spark Discharges".
- M.I. Erzyayev - "Properties of the Breakdown of Compressed Air in a Comparatively Uniform Field in the Presence of Localized Non-uniformities".
- A.A. Vorob'yev et al. - "Pulse and Oscillographic Techniques for the Measurement of the Electric Field in Dielectrics" (see p. 1357 of the journal).
- A paper by E.E. Danyushin dealt with the problem of the basic theory of the electric erosion (see p. 1356 of the journal).
- The fourth section was presided over by S.Yu. Luk'yanov. The papers concerned with the non-stationary and steady-state frequency discharges. The following papers were read: I.G. Makzharovich and A.A. Lebedev - "The Nature of the Current Interruption During the Electric Explosion of a Metal Wire".
- V.A. Simonov - "Propagation of Plasma from Local Pulse Sources".

Card 7/19
G.G. Timofeyev et al. - "Observation of an Electro-optical Dynamically Compressed Arc by Means of an Electro-optical Converter".
M.K. Kolesnikov and Ia.Yu. Moysanov - "Investigation of the Electric Field in an Ion Magnetron".
V.A. Baluyev and M.K. Ramanovskiy - "Experiments with an Electron Model of a System with Magnetic Samples".
A.M. Andrianov et al. - "Distribution of Magnetic and Electric Fields in Powerful Pulse Discharges".
G.M. Harding (England) - "Spectroscopic Determination of the Plasma Temperature in the 'Zeta' Equipment" (see p. 1356 of the journal).
The paper by Harding aroused a lot of interest and Academician L.A. Aronovich expressed the opinion that the electron temperature in the "Zeta" should be of the order of 10^4 K, according to Harding. The electron temperature is of the order of 10^4 K.

LABUD, A.A.

64702
24/2/79
AUTHORS:
Granovskiy, V.L., Luk'yanov, S.Yu., Spivak, G.Y. and
Sirotenko, I.G.
TITLE:
Report on the Second All-Union Conference on Gas
Electronics
PERIODICAL:
Radiotekhnika i elektronika, 1959, Vol 4, Nr 8,
pp 1339 - 1358 (USSR)
I.M. Podgorniy and M.G. Koval'skiy - "New Data on X-ray
Radiation During Pulse Discharges"
V.A. Khrabrov and N.M. Sukhovskaya dealt with the investi-
gation of the neutron radiation in powerful gas discharges
in chambers with conducting walls.
M.A. Bokunov et al. - "Investigation of the Gas Discharge
in a Conical Chamber".
S.M. Osavits et al. - "A Turn of Plasma in Transverse
Magnetic Field".
I.G. Krasov - "Data on the Division of a Cathode Spot
on Mercury in a Low-pressure Arc" (see p 1289 of the
journal).
A.G. Rung (England) - "A New Theory of the Cathode Spot"
(see p 1293 of the journal).
L.M. Bruckov - "Positive Column in a Hydrogen Discharge
With Stationary and Pulse Loads".
I.G. Makharshich and A.A. Labud - "Current Distribution on
the Surface of Electrodeless Striped Pulse Discharges".
L.S. Kyz - "Some Properties of Gas Discharges in Low-voltage
in Halogen Counters".
G.Y. Gletara and V.L. Granovskiy - "Comparison of the
Initial De-ionisation in the Isotopes of Hydrogen (H
and D)".
L.A. Molisiga communicated some results on the pre-breakdown
current pulses at low pressures.
M.I. Polynin and A.A. Zaitsev - "Charge-density
oscillation waves in cylindrical plasma".
I. Pakidok of Czechoslovakia communicated some information
on the wave-like phenomena in gas-discharge plasma.
S.G. Khrabrov dealt with the problem of the determination
of the energy of fast ions in pulse discharges.
B.B. Kadomtsev - "Convective Instability of a Plasma String".
S.T. Reznitskiy and V.D. Shatranov - "Theory of a High-
temperature Plasma String".
The fifth section was presided over by S.A. Kapitsay and
dealt with high-frequency currents in gases. The following
papers were read:
V.I. Solov'ev - "Formation of Ultra-high Frequency Pulse
Discharges in Inert Gases".
G.I. Palyuk - "Influence of the Boundary Conditions on
the Formation and Maintenance of High-frequency Discharges".
P.S. Sukhin et al. - "Investigation of a Self-maintained
Ultra-high Frequency Pulse Discharge and the Process of
its Development".
S.M. Zaitsev and G.S. Solov'ev - "Some Results of the
Investigation of the Formation of Low-pressure High-
frequency Discharges".
G. Margman (USA) - "Conductivity of Weakly Ionised
Plasma".
A.A. Ruzhnikov - "The Conditions of Transition From
High-frequency Corona Discharge at Atmospheric Pressure".
V.I. Solov'ev - "The Relationship Between the Characteris-
tics of the Ultra-high Frequency Current and the Direct
Current in Gas Discharges".
B.B. Kadomtsev analysed the conductivity of the diam-
agnetizing plasma in the window of a resonance discharge
tube.
S.M. Lavitskiy and L.B. Shashurin dealt with the
applicability of the probe method to high-frequency
discharges (see p 1338 of the journal).
The paper by V. Ye. Mitenskii et al. was devoted to the
investigation of the ultra-high frequency plasma by
means of the Stark effect.
G.S. Solov'ev dealt with the problem of electric
fields in a high-frequency discharge at low pressures.
I.G. Makharshich and N.M. Sukhovskaya read a paper entitled "High-
frequency Discharges in Methane".
The sixth section was devoted to the problems
of plasma and its radiation; the section was presided
over by V.A. Fabrikant. The following papers were read:
Yu.M. Kagan - "New Methods of Plasma
Investigation".
V.I. Drosdev - "Oscillographic Measurements in Plasma".
V.I. Solov'ev and A.G. Molisiga - "Investigation of the
Movement of Plasma by Means of a Mass Spectrometer of the
Type..."

LABUDA, A.A.; NEKRASHEVICH, I.G.

Transparency of vapors produced by electric discharges of wires.
Inzh.-fiz. zhur. no. 6:40-44 Je '58. (MIRA 11:7)

1. Belorusskiy gosudarstvennyy universitet im. V.I.Lenina, Minsk.
(Electric discharges)
(Vapors---Spectra)

NEKRASHEVICH, I.G.; LABUDA, A.A.

Nature of current interruption caused by electric bursts of
wires [with summary in English]. Inzh.-fiz. zhur. no. 9:94-101
S '58. (MIRA 11;10)

1. Belorusskiy gosudarstvennyy universitet imeni V.I.Lenina, g. Minsk.
(Electric discharges)

AUTHORS: Labuda, A. A., Martinkov, Ye. G., SOV/43-22-6-21/28
 Nekrashevich, I. G.

TITLE: On Measuring the Temperature of a Cloud of Luminescent Vapor in
 Electric Pulse Discharges (Ob izmerenii temperatury oblaka
 svetyashchikh parov pri impul'snykh elektricheskikh
 razryadakh)

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya fizicheskaya, 1958, Vol. 22,
 Nr 6, pp. 720-724 (USSR)

ABSTRACT: In their introduction the authors describe the method developed
 for this purpose by Ornshteyn as inadequate because it is subject
 to considerable restrictions. As soon as these restrictive con-
 ditions were not satisfied, different results were obtained for
 one and the same discharge according to what pair of lines was in-
 vestigated (Ref 1). This was confirmed also by L. Hult. It is,
 however, possible to obtain an approximation to these conditions
 if, for purposes of measuring temperature, the spectrum is used
 within an interval of time which is suited with respect to a
 smaller volume of the luminescent cloud. In the course of this
 paper the method developed by Ornshteyn was tested for the

Card 1/3

On Measuring the Temperature of a Cloud of Luminescent
Vapors in Electric Pulse Discharges

SOV/48-22-6-21/28

measurement of temperature by using a metal wire in the spark discharge or electric explosion. It was found that a discharge brought about by a wire with $d \leq 0.05$ mm does not differ at all from a discharge in air, but that it offers the advantage that variation is possible and that the quantity of the evaporated substance can be accurately determined. Discharge experiments carried out in air and under atmospheric pressure were investigated both in the case of aperiodic and rectangular pulses. The spectral field was investigated by means of a rotatable mirror which was synchronized with the double-beam pulse oscillograph. The entire device corresponded to the description given in the paper (Ref 3) and was used for the purpose of obtaining the light spectrum of the discharge for the period of 1 microsecond. Results are described by 3 diagrams: 1.) The dependence of the relative intensity of the spectral lines on the distance from the discharge axis in a pulse discharge brought about by a thin wire for Fe I, Al II and Al III. 2.) Its dependence on the time of the passage of the pulse discharge through the thin wire and the distance from the discharge axis. 3.) Temperature development with respect

Card 2/3

On Measuring the Temperature of a Cloud of Luminescent
Vapors in Electric Pulse Discharges

SOV/48-22-6-21/28

to time: Ba II $\frac{J_{4934}}{J_{4524}}$, Ba II $\frac{J_{4934}}{J_{4899}}$ and Ba I $\frac{J_{6053}}{J_{5519}}$.

Experiments showed that Ornshteyn's method of using thin wires is possible, but only if zonal distribution and the excitation of spectral lines with respect to time are taken into account. The method cannot be employed for the purpose of determining temperature according to the relative intensity of two spectral lines with considerably differing upper levels, as e.g. according to spark- and arc lines, because excitation does not take place simultaneously with respect to different zones of the discharge. There are 3 figures and 7 references, 3 of which are Soviet.

ASSOCIATION: Belorusskiy gos. universitet im. V. I. Lenina (Belorussian State University imeni V. I. Lenin)

1. Electric discharges--Spectra
2. Electric discharges--Temperature
3. Temperature--Measurement
4. Spectroscopy

Card 3/3

SOV/58-59-8-18395

Translated from: Referativnyy Zhurnal Fizika, 1959, Nr 8, p 197 (USSR)

AUTHORS: Labuda, A.A., Martinkov, Ye.G., Nekrashevich, I.G., Taumin, D.A.

TITLE: An Apparatus for Studying the Temporal Course of the Optical and Electrical Parameters of a Spark Discharge

PERIODICAL: Uch. zap. Belorussk. un-t, 1958, Nr 41, pp 41-49

ABSTRACT: An apparatus is described for studying in time the optical and electrical parameters of a spark discharge. The time-base sweep of the spectrum is carried out with the aid of a rotating mirror. The mirror is a trihedral prism with an oblique mirror-surface, fastened to another, similar prism in order to balance the rotating system. The time resolution is up to $5.3 \cdot 10^{-7}$ sec. The apparatus has a synchronization system which serves to collocate in time the spectral and electrical (current and voltage) characteristics of the discharge, and also for inducing the discharge at the required moment of time.

N.M. Yashin

Card 1/1

SOV/58-59-8-18396

Translated from: Referativnyy Zhurnal Fizika, 1959, Nr 8, p 197 (USSR)

AUTHORS: Labuda, A.A., Nekrashevich, I.G.

TITLE: The Spatial Distribution and Temporal Course of a Glow Spectrum During Electrical Explosion of Wires

PERIODICAL: Uch. zap. Belorussk. un-t, 1958, Nr 41, pp 51-62

ABSTRACT: The spectral and electrical (current, voltage) characteristics of explosions of Cu and Al wires under atmospheric pressure were investigated in the apparatus described above (abstract 18395). Time-base sweeps of the glow spectrum, oscillograms of the current and voltage, and a spectrum of the spatial distribution of the glow were obtained. By the instant of the first maximum of current more heated sections are formed along the entire length of the wire, generating in some cases a continuous spectrum, and in other cases a continuous as well as a line spectrum (arc and spark lines are present). The second stage of the explosion (after a break in the current) has much in common with an ordinary spark discharge, and the non-uniform heating of the wire is

Card 1/2

SOV/58-59-8-18396

The Spatial Distribution and Temporal Course of a Glow Spectrum During Electrical Explosion of Wires

maintained. The temperature of the exploded wire varies in time and differs for various sections of the explosion zone.

N.M. Yashin

Card. 2/2

LABUDA, A. A.: Master Phys-Math Sci (diss) -- "Investigation of impulse discharge through a thin metal wire". Minsk, 1959. 11 pp (Min Higher Educ USSR, Beloruss State U im V. I. Lenin, Phys Faculty), 150 copies (KL, No 13, 1959, 99)

LABUDA, A.A.

24(7),24(0)
ARTICLE

Stepanov, B. I., Introduction AS 807/50-55-1-9/57
Molodetskaya EN

TITLE:
Investigations by Raman Scattering in the Field of Spectroscopy and Luminescence (Mobyte beloruskikh uchenykh po opticheskoy i lyuminescentnoy)

PERIODICAL:
Vestnik Akademii nauk SSSR, 1959, No. 1, pp. 62-76 (USSR)

ABSTRACT:
These investigations are being carried out at the Institute of Chemistry of the Academy of Sciences and Mathematics of the Belorussian State University under the direction of B. I. Stepanov, A. A. Labuda, Ye. S. Serchenko, M. A. Tel'yashovich, I. G. Mikhrashnikov, and P. I. Fedorov, Corresponding Member, Academy of Sciences, USSR, in the field of theoretical spectroscopy, the investigations by B. A. Apashevich, B. I. Stepanov, and others are mentioned. Further, the following investigations are indicated:
A. P. Krivoborov, B. I. Stepanov developed a theory of dispersion of light.
B. I. Stepanov, Ye. S. Serchenko, A. P. Krivoborov, and others, by experiment, dispersion light filters for the infrared range.
A. P. Krivoborov analyzed the accuracy and the field of application of existing determination methods of optical constants of dispersed and not dispersed materials.
I. G. Mikhrashnikov, A. A. Labuda, Ye. S. Serchenko, obtained important results concerning the kinetics of energy transfer apart discharge (spectral intensity and quantum yield) of elements in systems of elements.
A. A. Tel'yashovich, B. I. Stepanov examined the mutual influence of elements in systems of elements.
B. I. Stepanov suggested a series of methods to eliminate the influence of third elements.
G. V. Orlovskiy, B. I. Stepanov succeeded in working out a method of heavy penicillin in ordinary penicillin.
B. I. Stepanov, A. P. Krivoborov, A. I. Serchenko examined the infrared spectra of various products.
M. A. Tel'yashovich, B. I. Stepanov, I. P. Gurinovich examined a series of structural peculiarities of alcohol oxides.
M. A. Tel'yashovich worked out a luminescence method for the determination of the germinating power of the seed of some kinds of trees.
A. I. Protashuk obtained good results by the use of luminescence analysis in dermatology.
B. I. Stepanov examined the absorption spectra of the elements in various complex compounds.
B. I. Stepanov used spectral methods for analyzing albuminous fractions in the blood.
M. A. Tel'yashovich, G. A. Tel'yashovich, carried out an extensive spectrochemical examination of the formation of molecular and complex compounds in solutions.
M. A. Serchenko spectroscopically examined the structure of various silicones.
B. I. Stepanov, A. M. Prig, carried out theoretical investigations of the vibrational spectra of various silicon crystals.

Card 5/5

Card 6/5

NEKRASHEVICH, I.G.; LABUDA, A.A.; PLASHCHINSKAYA, R.V.; YERMAKOVA, N.Ye.

Study of the effect of third components by the method of temporal
scanning of the emission spectrum. Zhur.anal.khim. 17 no.5:
551-555 Ag '62. (MIRA 16:3)

1. V.I.Lenin Byelorussian State University, Minsk.
(Spectrum analysis)

NEKRASHEVICH, I.G.; LABUDA, A.A.; PLASHCHINSKAYA, R.V.; YERMAKOVA, N.Ye.

Effect of "third" components by the method of scanning the
luminescence spectrum with time. Izv. AN SSSR. Ser. fiz. 26
no.7:892-895 J1 '62. (MIRA 15:8)
(Spectrum analysis)

LABUDA, G.

"Some remarks concerning the subject and method of historical geography. p. 5.
Discussion. p. 78." (PRZEGLĄD GEOGRAFICZNY. POLISH GEOGRAPHICAL REVIEW,
Vol. 25, no. 1, 1953, Warszawa, Poland.)

SO: East European L. C. Vol. 2, No. 12, Dec. 1953

LABUDA, Gerard

Role and tasks of the university in modern organization of education and sciences. Poznan uniw wykl inaugur no.1:3-33 '62.

1. Uniwersytet im. Adama Mickiewicza, Poznan

LABUDA, Gerald

Social significance and forms of activity of the general
(regional) scientific societies. Nauka Polska 10 no.1:25-40
Ja-F '62.

LABUDA, JAN.

Zaklady vyživy hospodarskych zvierat, chov hovadzieho dobytku,
chov osipanych, chov oviec, chov koz. Martin, Osveta, 1953.
247 p. (Kniznica vzdelavacich kruzkov, 3) /Elements of domestic
animal feeding, cattle breeding, swine breeding, and sheep
and goat breeding/
DA Not in DLC

SOURCE: East European Accessions List, (EEAL) Library of
Congress, Vol. 6, No. 1, January 1957

LABUDEV, S.A.

DUBROVNIY, V.A., inzhener, LABUDEV, S.A., inzhener.

Graphic method for selecting systems of compounding and electro-
magnetic current correctors under normal conditions of generator
operation. Elek.stn.28 no.7:56-59 J1 '57. (MIRA 10:9)
(Electric generators)

LABUDEV, S.A.

Contactless portable d.c. measuring device. Energ. i elektrotekh.
prom. no.1:34-37 Ja-Mr '63. (MIRA 16:5)

1. Institut elektrotehniki AN UkrSSR.
(Electric measurements)

LABUDEV, S.A., inzh.

Oscillographic recording of the electromagnetic moment of electrical machines using integrating networks with e.m.f. Hall transducers.

Energ. i elektrotekh. prom. no.4:28-30 O-D '64.

(MIRA 18:3)

L 111245-66

ACC NR: AP6026949

SOURCE CODE: UR/0115/66/000/007/0053/0055

AUTHOR: Labudev, S. A.

ORG: none

TITLE: Transistorized photoelectric fluxmeter¹⁰

SOURCE: Izmeritel'naya tekhnika, no. 7, 1966, 53-55

TOPIC TAGS: fluxmeter, photoelectric fluxmeter

ABSTRACT: Magnetic flux has been measured in the Soviet Union by an F18 photo compensation amplifier which combines an F117 galvanometric amplifier with an FSK-7 photocell. This instrument permits recording processes having frequencies up to 3 cps, which is believed inadequate. Hence, the author has substantially improved its dynamic characteristic by introducing a correcting circuit in its feedback loop (instead of the stabilizing circuit in its amplification loop). Also the electronic portion of the circuit has been designed with transistors only, which reduces the number of autonomous power supplies. The new circuit (principal diagram shown) contains an F117/4 galvanometric amplifier, a d-c cascode amplifier, and a power-supply-and-stabilization unit. The introduction of an additional correcting circuit along with an increased overall gain and a negative derivative-type feedback resulted in a higher speed and stability and also in a better quality of the amplifier transient process. The amplitude-frequency characteristic of the above fluxmeter is practically constant up to 60 cps. Orig. art. has: 2 figures and 5 formulas. [03]

Card 1/1-111/SUB CODE: 09/ SUBM DATE: none/ ORIG REF: 005 UDC: 621.317.444

YAKERSON, Matvey Semenovich; TSYBUL'SKIY, Vladimir Abramovich. Prinimali uchastiye: LABUDIN, I.A.; FEDOROV, Ye.L.; KELLLO, I.O.; CHIZHEVSKIY, A.L.; POLEKOV, A.N.; NIKITIN, M.N.; IVANOV, I.I.; GEYET, N.V.; FEDOROV, Ye.V.; FEDOSOV, M.G. YEGOROVA, K.I., red.; ONOSKO, N.G., tekhn. red.

[The "Znamia Truda" Factory; a brief account of the "Znamia Truda" Armature Factory in Leningrad] Znamia truda; kratkii ocherk istorii leningradskogo armaturnogo zavoda "Znamia truda," 1960. 207 p. (MIRA 14:4)

(Leningrad--Factories)

GUMEROVA, M.Kh.; ARISTOVA, T.V.; GIL'MANOVA, R.G.; L'VOV, F.V.; BUKCHANPAYEVA,
M.S.; MUKHAMETSHINA, M.A.; GAYNULLINA, N.M.; KHRAMOVA, N.P.;
KOBRAKOVA, I.H., red.; LABUDIN, N.T., red.; IBROGIMOVA, Z.A.,
tekhn.red.

[Forty years of the Tatar A.S.S.R.; statistical collection]
Tatarskaia ASSR za 40 let; statisticheskii sbornik. Kazan',
Tatarskoe knizhnoe izd-vo, 1960. 171 p. (MIRA 14:3)

1. Tatar A.S.S.R. Statisticheskoye upravleniye. 2. Nachal'nik
Statisticheskogo upravleniya Tatarskoy ASSR (for Kobranova).
(Tatar A.S.S.R.--Statistics)

S/196/62/000/011/008/009
E194/E155

AUTHORS: Baskutis, P., Marazas, S., and Labudis, A.
TITLE: Use of the rotating field method to investigate shaded-pole motors

PERIODICAL: Referativnyy zhurnal, Elektrotehnika i energetika, no.11, 1962, 20, abstract 11 1104. (Kauno politechn. inst. darbai, Tr. Kaunassk. politekhn. in-ta, v.14, no.5, 1961, 53-61).

TEXT: Shaded-pole motors have recently been constructed for outputs of 150 and 250 W. The rotating field method has been used to investigate processes in these motors; it allows their characteristics to be calculated fairly simply with allowance for the influence of higher harmonics of the magnetic field, and other problems can be studied. In a shaded-pole single-phase motor the shading coil sets up its own magnetic field which combines with the fields of the main winding. The resultant field in the air gap has a reverse component which is less than the forward component, so that starting torque develops. Tests were made on a motor of

Card 1/2

I:25815-66

ACC NR: AR5018682

SOURCE CODE: UR/0196/65/000/007/V_005/V005

AUTHOR: Labudo, A.A.; Nekrashevich, I.O.; Drakov, V.Ye.; Yermakova, N.Ye.; Flashchinskaya, R.V.; 37
B

ORG: none

TITLE: Measuring the temperature in a pulse discharge

SOURCE: Ref. zh. Elektrotehnika i energetika, Abs. 7B20

REF SOURCE: Tr. Komis. po spektroskopii. AN SSSR, vyp. 1, 1964, 434-441

TOPIC TAGS: ~~measuring instrument~~, temperature instrument, optic method, ~~temperature measurement~~, pulse discharge

TRANSLATION: The optical method for determining high temperatures in stationary sources with axial symmetry (by the Horman-Larens method) is extended to cover cases of pulse discharge. A device was prepared on which experimental research was conducted on the space and time distribution of temperature, taking into account the fact that the process was nonstationary. An earlier deduction regarding the zonal character of excitation and of identifying various spectral lines was confirmed. (From a resume).

SUB CODE: 20/
Card 1/1

SUBM DATE: none

UDC: 537.523.4.536.521

LABUDOVIC, D.
SURNAME (in caps); Given Name

Country: Yugoslavia

Academic Degrees: [not given]

Affiliation: [not given]

Source: Belgrade, Veterinarski glasnik, No 5, 1961, pp 423-429.

Data: Twentieth Anniversary of Revolution: "In Memory of Dead Comrades."

YUGOSLAVIA

D. LATUDONIC (Affiliation not stated)

"History of the Student Movement of Belgrade University."

Belgrade, Veterinarski Glasnik, Vol 16, No 12, 1962: pp 1279-1289.

Abstract: A historical review of the political trends and personalities and events, starting with the pre-war conditions. Throughout this period, the Veterinary Faculty was a mainstay of the communist thinking and activity.

- END -

2434

CSO: 2000-N

41

LABUDZINSKA, A.

-Apparatus with visual detection for measurements of light scattering
in liquids. Pt. 1. Polimery tworzą wielk 8 no.4:154-159 Ap '63.

1. Pracownia Fizyki Polimerów, Zakład Fizyki Technicznej, Instytut
Chimii Ogólnej, Warszawa.

LABUDZINSKA, A.

Apparatus with visual detection for measurements of light scattering in liquids. Pt. 2. Polimery tworzą wielk 8 no.5:191-195 My '63.

1. Pracownia Fizyki Polimerów, Zakład Fizyki Technicznej, Instytut Chemii Ogólnej, Warszawa.

LABUDZINSKI, Wiktor (Warsaw)

Modern Polish-made track mobile cranes. Przegl budowl i mieszk
37 no.2:79-83 F '65.

KOPICZ-KAMINSKA, Ewa; GERARD, Kira; LABUDZKA, Irena

Mental disturbances among the population of Pruszkow (an analysis of the material of the clinic and hospital in 1962). Neurol. neurochir. psychiat. Pol. 15 no.2:263-268 Mr-Apr '65.

1. Z Instytutu Psychoneurologicznego w Pruszkowie, Oddział Psychiatrii Społecznej (Kierownik: dr. med. K. Gerard).

LABUDZKA, Lucyna

Complete industrial plants at the 32nd International Poznan
Fair. Przegl mech 22 no. 17:542-543 10 S '63.

LABUDZKA, Lucyna

Complete industrial plants. Przegl mech 22 no.11:350-351
10 Je '63.

LABUK, Longin

Selected problems of lacquering shop designing in enterprises of the metal industry. Probl proj hut maszyn 11 no.3:86-89 Mr '63.

1. Prozamet, Warszawa.

LABUN, Edmund

Cysts of the pancreas in children. Pol. przegl. chir. 34 no.1:
9-13 '62.

1. Z Kliniki Chirurgicznej Dziecięcej AM w Gdansk Kierownik:
Zast. prof. dr R. Sztaba.
(CYSTS in inf & child) (PANGREAS dis)

KONDRAT, Wanda; LABUN, Edmund; SEPIOLO, Janusz

Liver lesions in newborn infants. Pol. tyg. lek. 20 no.9:
309-310 1 Mr'65.

1. Z Kliniki Chirurgii Dziecięcej w Gdansk (kierownik: doc.
dr. med. Romuald Sztaba).

LABUNEA, I.

A new model of power regulator for diesel motors. Pt. 1 (To be contd.)

p. 19 (Metalurgia Si Constructia De Masini. Vol. 8, no. 9, Sept. 1957. Bucuresti, Rumania)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1958

LABUNETS, N.F.

IOFF, I.G.; GERSHKOVICH, N.L.; ZAGNIBORODOVA, Ye.N.; LABUNETS, N.F.;
LEBENDEV, A.D.; MIKULIN, M.A.; SKALON, O.I.; TIFLOV, V.I.; SHVARTS, Ye.A.;
YURKINA, V.I.; YAGUBYANTS, I.M.

New species of fleas (Suctoria-Aphaniptera); third report. Med.paraz.1
paraz.bol. no.5:460-465 S-O '53. (MIRA 6:12)
(Fleas)

LABUNETS, N.F.

TER-BARTANOV, V.N.; GUSEV, V.M.; BAKYEV, N.N.; LABUNETS, N.F.; GUSEVA, A.A.;
REZNIK, P.A.

Transmission of ectoparasites of mammals by birds. Zool. zhur. 33
no.5:1116-1125 S-0 '54. (MLRA 7:11)

1. Nauchno-issledovatel'skiy institut Ministerstva zdavookhraneniya
SSSR i Stavropol'skiy gosudarstvennyy pedagogicheskiy institut.
(Parasites--Mammals) (Birds as carriers of disease)

LABUNETS, N. F.

"Fleas of the Western Khangay."

Tenth Conference on Parasitological Problems and Diseases with Natural Reservoirs, 22-29 October 1959, Vol. II, Publishing House of Academy of Sciences, USSR, Moscow-Leningrad, 1959.

Anti-Plague Institute of the Caucasus and Transcaucasia, Stavropol'

LEVI, M.I.; CHERNOV, S.G.; ~~LAHUNETS~~, N.F.; KOSMINSKIY, R.B.

Aspiration method for the collection of fleas from rodent burrows
[with summary in English]. Med.paraz. i paraz. bolezni. 23 no.1:64-69
Ja-F '59. (MIRA 12:3)

1. Iz Nauchno-issledovatel'skogo protivochumnogo instituta Kavkaza
i Zakavkaz'ya Ministerstva zdavookhraneniya SSSR v Stavropole (dir.
instituta V.N. Ter-Vartanov).

(FLEAS,

aspiration from burrows (Rus))

~~LABUNETS, N.M.~~; BOGDANOV, O.P.

Winter species of bat fleas from Uzbekistan [with summary in English]. Zool. zhur. 38 no.2:221-227 F '59. (MIRA 12:3)

1. Stavropol Research Anti-Plague Institute of the Caucasus and Transcaucasia, Ministry of Health of the U.S.S.R. and Institute of Zoology and Parazitology, Academy of Sciences of the Uzbek SSR, Tashkent.

(Tashkent region--Fleas) (Parasites--Bats)

LABUNETS, N.F.; SARDAR, Ye.A.

Study of the fleas of the lesser suslik (*Citellus pygmaeus*
Pall.) in a plague focus in Daghestan. Trudy Nauch.-issl.
protivochum. inst. Kav. i Zakav. no.5:5-18 '61.
(MIRA 17:1)